

**ARMY NATIONAL GUARD  
FY06 UFR'S**

**15 January 2005**

**LLDR.** No changes to LLDR funding in Pres Bud 05 (05-11). Two ARNG UFRs were submitted in POM 06-11 for LLDR: 1) Non-Modularity UFR, total \$103.8M (06-11) supports acceleration of production and completion of fielding to ARNG units, 2) Modularity UFR, total \$256M (06-11) supports modularity increases and acceleration of production/fielding of units.

**Profiler.** A FY05 Congressional plus-up of \$2.6M has been allocated to procure one Profiler each to the Arkansas National Guard and the North Dakota National Guard.

**LLDR** - Provides the warfighter with a lightweight (35lbs) capability to acquire and designate targets for laser capable munitions. Additional funding accelerates fielding and replaces the unsupportable GVLLD (100lbs) laser designation system, as well as supports the fielding to ARNG guard units deploying to OIF/OEF in support of GWOT.

**Profiler** - Provides the warfighter with current/expected weather conditions along the projectile path and in the target area. Additional funding supports the increased requirement for Profiler due to modularity.

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**Program: M707 Knight w/FS3 (Fire Support Sensor System)**

**Program Description:** The M707 Knight fire support vehicle is a HMMWV based system that provides for efficient fire support planning, direction, controlling, target designation, and night observation for both heavy and light forces. The system currently uses the outdated and unsupportable GVLLD as its sensor to locate and designate targets. MDEP: FL6Y, APE: B78500000, B78503000

**Capability Description:** The M707 Knight w/FS3 provides sensor parity (2d Gen FLIR optics) between maneuver platforms and fire support platforms. The Knight w/FS3 exceeds the 5km night designation range ORD requirement, which is twice the capability of the AN/TAS-4 on the obsolete GVLLD. Knight w/FS3 helps bridge the sensor capability gap by providing fire supporters with a 2d Gen FLIR optic (LRAS 3) and a Laser Designation Module (LDM), which greatly enhances their capability to locate and designate targets. The sensor capability will be greatly enhanced by the modification of the FS3 on the M707 Knight. The Knight w/FS3 has 5x the range capability of the Knight w/GVLLD. The Knight w/FS3 also exceeds the 5km night

designation ORD requirement, in which the Knight w/GVLLD achieves a <2km night designation range.

**Program Unit Cost:** New build Knight w/FS3 - \$1.246M ; Knight w/FS3 retrofit - \$660K

**Total UFR for LLDR/FS3 is \$297M**

\*Note: Changes in requirements and unit costs due to the on-going design of the Modular Force require this information paper be updated periodically. Next analysis and update will occur in early March 05.